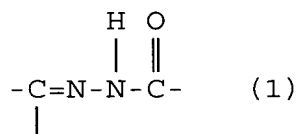


WHAT IS CLAIMED IS:

1. A curable composition comprising a resin (A) having a structure represented by formula (1):



and
a crosslinkable functional group in a molecule of the resin (A).

2. The curable composition according to claim 1, the structure is formed by reaction of a carbonyl group with one group of a hydrazide group and a semicarbazide group.

3. The curable composition according to claim 1, the crosslinkable functional group in the resin (A) is one type or two or more types selected from a polymerizable double bond, hydroxyl group, carboxyl group, isocyanate group, amino group, thiol group, epoxy group, triazine group, dimide group, silanol group, alkoxysilyl group, methylol group, alkylmethylol group, acetoalkoxy group, carbonyl group, hydrazide group, blocked isocyanate group, blocked carboxyl group and blocked hydroxyl group.

4. The curable composition according to claim 1, the resin (A) has at least one said structure represented by the formula (1) between the crosslinkable functional groups.

5. The curable composition according to claims 1, the resin (A) contains the structure of the structural formula represented by the formula (1) in a backbone of the resin (A) and the crosslinkable functional group in a side chain of the resin (A).

6. The curable composition according to claim 1, the crosslinkable functional group is combined with a backbone of the resin (A) through the structure of the structural formula represented by the formula (1).

7. The curable composition according to claim 1, the resin (A) has same number of the structure of the structural formula represented by the formula (1) and the crosslinkable functional group.

8. A curable composition comprising the resin (A) according to claim 1 and a crosslinking agent (B) reactive to the crosslinkable functional group.

9. An ink, paint, or adhesive containing the curable composition according to claims 1.

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